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09/982,223
Sheet 1 of 4

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13086-002001	Application No. 09/982,223
	Applicant George Q. Daley et al.		
	Filing Date October 18, 2001	Group 1645-1636	

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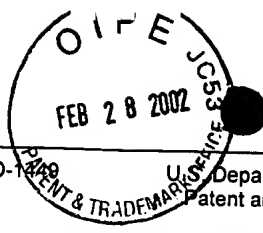
U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
DL	AA	5,605,793	02/25/1997	Stemmer	X	X	
DL	AB	5,830,721	11/03/1998	Stemmer et al.			
DL	AC	5,888,732	03/30/1999	Hartley et al.			
DL	AD	6,025,192	02/15/2000	Beach et al.			
DL	AE	6,132,970	10/17/2000	Stemmer			
DL	AF	6,153,380	11/28/2000	Nolan et al.			
	AG						

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
DL	AH	WO 98/12339		PCT	X	X		
	AI							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
DL	AJ	Ariyoshi et al., <i>Constitutive Activation of STAT5 by a Point Mutation in the SH2 Domain</i> , J. Bio. Chem. 275:24407-24413 (2000)
DL	AK	Arkin et al., <i>An algorithm for protein engineering: Simulations for Recursive ensemble mutagenesis</i> , Proc. Natl. Acad. Sci. USA, 89:7811-7815 (1992)
DL	AL	Bender et al., <i>Evidence that the Packaging Signal of Moloney Murine Leukemia Virus Extends into the gag Region</i> , J. Virol. 61:1639-1646 (1987)
DL	AM	Berns et al., <i>A genetic screen to identify genes that rescue the slow growth phenotype of c-myc null fibroblasts</i> , Oncogene 19:3330-3334 (2000)
DL	AN	Bolivar et al., <i>List of transgenic and knockout mice: behavioral profiles</i> , Mammalian Genome 11:260-274 (2000)
DL	AO	Bryan et al., <i>Evidence for an alternative mechanism for maintaining telomere length in human tumors and tumor-derived cell lines</i> , Nat. Med. 3:1271-1274 (1997)
DL	AP	Carnero et al., <i>Loss-of-function genetics in mammalian cells: the p53 tumor suppressor model</i> , Nucl. Acid Res. 28:2234-2241 (2000)
DL	AQ	Cho et al., <i>Constructing High Complexity Synthetic Libraries of Long ORFs Using In Vitro Selection</i> , J. Mol. Biol. 297:309-319 (2000)
DL	AR	Chong et al., <i>Replication-competent retrovirus produced by a 'split-function' third generation amphotropic packaging cell line</i> , Gene Ther. 3:624-629 (1996)
DL	AS	Colas et al., <i>Genetic selection of peptide aptamers that recognize and inhibit cyclin-dependent kinase</i> , 2 Nature 380:548-550 (1996)

Examiner Signature <i>David Lambertson</i>	Date Considered 9/17/03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449
(Modified)U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
13086-002001Application No.
09/982,223**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
George Q. Daley et al.Filing Date
October 18, 2001Group Art Unit
1645-1636RECEIVED
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TECH CENTER 1600/2900**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
DS	AT	Cossett et al., <i>High-Titer Packaging Cells Producing Recombinant Retroviruses Resistant to Human Serum</i> , J. Virol 69:7430-7436 (1995)
DS	AU	Dahiyat and Mayo, <i>De Novo Protein Design: Fully Automated Sequence Selection</i> , Science 278:82-87 (1997)
DS	AV	Daley and Baltimore, <i>Transformation of an interleukin 3-dependent hematopoietic cell line by the chronic myelogenous leukemia-specific P210^{bcr/abl} protein</i> , Proc. Natl. Acad. Sci. USA 85:9312-9316 (1988)
DS	AW	Daley et al., <i>Induction of Chronic Myelogenous Leukemia in Mice by the P210^{bcr/abl} Gene of the Philadelphia Chromosome</i> , Science 247:824-830 (1990)
DS	AX	Danos et al., <i>Safe and efficient generation of recombinant retroviruses with amphotropic and ecotropic host ranges</i> , Proc. Natl. Acad. Sci. USA 85:6460-6464 (1988)
DS	AY	Delgrave et al., <i>Recursive ensemble mutagenesis</i> , Protein Engineering 6:327-331 (1993)
DS	AZ	Downing et al., <i>The AML1-ETO chimaeric transcription factor in acute myeloid leukaemia: Biology and clinical significance</i> , British Journal Haematology 106:296-308 (1999)
DS	AAA	Drocourt et al., <i>Cassettes of the Streptoalloteichus hindustanus ble gene for transformation of lower eukaryotes to phleomycin resistance</i> , Nucleic Acid Res. 18:4009 (1990)
DS	ABB	Frimpong et al., <i>Cotransduction of nondividing cells using lentiviral vectors</i> , Gene Ther. 7:1562-1569 (2000)
DS	ACC	Gatignol et al., <i>Bleomycin resistance conferred by a drug-binding protein</i> , FEBS Letter 230:171-175 (1988)
DS	ADD	Gudkov et al., <i>Cloning mammalian genes by expression selection of genetic suppressor elements: Association of kinesin with drug resistance and cell immortalization</i> , Genetics, 91:3744-3746 (1994)
DS	AEE	Guild et al., <i>Development of Retrovirus Vectors Useful for Expressing Genes in Cultured Murine Embryonal Cells and Hematopoietic Cells In Vivo</i> , J. Virol. 62:3795-3801 (1988)
DS	AFF	Hahn et al., <i>Creation of human tumour cells with defined genetic elements</i> , Nature 400:464-468 (1999)
DS	AGG	Hannon et al., <i>MaRX: An Approach to Genetics in Mammalian Cells</i> , Science, 283:1120-1130 (1999)
DS	AHH	Hoess et al., <i>The role of the loxP spacer region in P1 site-specific recombination</i> , Nucleic Acid Res. 14:2287-2300 (1986)
DS	AII	Hudson, et al., <i>A Proinflammatory Cytokine Inhibits p53 Tumor Suppressor Activity</i> , J. Exp. Med, 190:1375-1382 (1999)
DS	AJJ	Jacobs et al., <i>The oncogene and Polycomb-group gene bmi-1 regulates cell proliferation and senescence through the ink4a locus</i> , Nature 397:164-168 (2000)
DS	AKK	Keller et al., <i>Expression of a foreign gene in myeloid and lymphoid cells derived from multipotent haematopoietic precursors</i> , Nature 318:149-154 (1985)
DS	ALL	Kerr et al., <i>Excess antisense RNA from infectious recombinant SV40 fails to inhibit expression of a transfected, interferon-inducible gene</i> , Eur. J. of Biochem. 175:65-73 (1988)
DS	AMM	Kissil et al., <i>Isolation of DAP3, a Novel Mediator of Interferon-γ-induced Cell Death</i> , J. of Biol. Chem. 270:27932-27936 (1995)
DS	ANN	Kitamura et al., <i>Efficient screening of retroviral cDNA expression libraries</i> , Proc. Natl. Acad. Sci. USA 92:9146-9150 (1995)

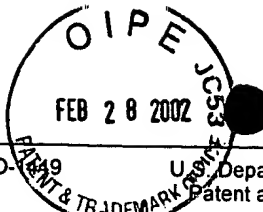
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		Applicant George Q. Daley et al.	
		Filing Date October 18, 2001	Group Art Unit 1645-1636

**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)

(37 CFR §1.98(b))

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
DL	AOO	Lakso et al., <i>Targeted oncogene activation by site-specific recombination in transgenic mice</i> , Proc. Natl. Acad. Sci. USA 89:6232-6236 (1992)
DL	APP	Liu et al., <i>The univector plasmid-fusion system, a method for rapid construction of recombinant DNA without restriction enzymes</i> , Curr. Biol. 8:1300-1309 (1998)
DL	AQQ	Loh et al., <i>Dissection of the interferon-γ-MHC class II signal transduction pathway reveals that type I and type II interferon systems share common signaling component(s)</i> , EMBO J. 11:1351-1363 (1992)
DL	ARR	Maestro et al., <i>twist is a potential oncogene that inhibits apoptosis</i> , Genes & Development, 13:2207-2217, by Cold Spring Harbor Laboratory Press (1999)
DL	ASS	Markowitz et al., <i>Construction and Use of a Safe and Efficient Amphotropic Packaging Cell Line</i> , Virology, 1627:400-406 (1988)
DL	ATT	Martzen et al., <i>A Biochemical Genomics Approach for Identifying Genes by the Activity of Their Products</i> , Science 286:1153-1155 (1999)
DL	AUU	McKendry et al., <i>High-frequency mutagenesis of human cells and characterization of a mutant unresponsive to both α and γ interferons</i> , Proc. Natl. Acad. Sci. USA 88:11455-11459 (1991)
DL	AVV	Miller, A.D., <i>Retroviral Vectors</i> , Curr. Topics Microbiol. Immunol. 158:1-24 (1992)
DL	AWW	Miller et al., <i>Generation of Helper-Free Amphotropic Retroviruses That Transduce a Dominant-Acting, Methotrexate-Resistant Dihydrofolate Reductase Gene</i> , Mol. Cell Biol. 5:431-437 (1985)
DL	AXX	Miller, A. Dusty, <i>Retrovirus Packaging Cells</i> , Human Gene Therapy, vol. 1, no. 1, p. 5-14 (1990)
DL	AYY	Montalto et al., <i>Telomerase Activation in Human Fibroblasts During Escape From Crisis</i> , J. Cell Physiol. 180:46-52 (1999)
DL	AZZ	Muller, Ulrike, <i>Ten years of gene targeting: targeted mouse mutants, from vector design to phenotype analysis</i> , Mech. Dev. 82:3-21 (1999)
DL	AAAA	Mulsant, et al., <i>Phleomycin Resistance as a Dominant Selectable Marker in CHO Cells</i> , Somat. Cell Mol. Gent. 14:243-252 (1988)
DL	ABBB	Naldini et al., <i>In Vivo Gene Delivery and Stable Transduction of Nondividing Cells by a Lentiviral Vector</i> , Science 272:263-267 (1996)
DL	ACCC	Naldini et al., <i>Lentiviral Vectors</i> , Adv. Virus Res. 55:599-609 (2000)
DL	ADDD	O'Gorman et al., <i>Recombinase-Mediated Gene Activation and Site-Specific Integration in Mammalian Cells</i> , Science 251:1351-1355 (1991)
DL	AEEE	Onishi et al., <i>Identification of an Oncogenic Form of the Thrombopoietin Receptor MPL Using Retrovirus-Mediated Gene Transfer</i> , Blood 88:1399-1406 (1996)
DL	AFFF	Onishi et al., <i>Applications of retrovirus-mediated expression cloning</i> , Exp. Hematol 24:324-329 (1996)
DL	AGGG	Onishi et al., <i>Identification and Characterization of a Constitutively Active STAT5 Mutant That Promotes Cell Proliferation</i> , Mol. Cell Biol. 18:3871-3879 (1998)
DL	AHHH	Pellegrini et al., <i>Use of a Selectable Marker Regulated by Alpha Interferon To Obtain Mutations in the Signaling Pathway</i> , Mol. Cell Biol. 9:4605-4612 (1989)
DL	AIII	Raynor and Gonda, <i>A Simple and Efficient Procedure for Generating Stable Expression Libraries by cDNA Cloning in a Retroviral Vector</i> , Mol. Cell Biol. 14:880-887 (1994)
DL	AJJJ	Reddel et al., <i>Immortalized Cells with No Detectable Telomerase Activity. A Review</i> , Biochemistry 62:1254-1262 (1997)

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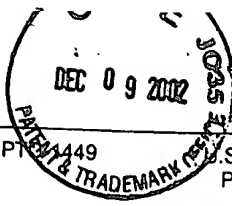
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	Applicant George Q. Daley et al.			RECEIVED MAR 05 2002 750 CENTER 1600/2900
	Filing Date October 18, 2001			
	Group A Unit 1645			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
DL	AKKK	Reidhaar-Olson and Sauer, <i>Combinatorial Cassette Mutagenesis as a Probe of the Informational Content of Protein Sequences</i> , Science 241:53-57 (1988)
DL	ALLL	Rice et al., <i>Random PCR mutagenesis screening of secreted proteins by direct expression in mammalian cells</i> , Proc. Natl. Acad. Sci. USA 89:5467-5471 (1992)
DL	AMMM	Rigg et al., <i>A Novel Human Amphotropic Packaging Cell Line: High Titer, Complement Resistance, and Improved Safety</i> , Virology 218:290-295 (1996)
DL	ANNN	Ringrose et al., <i>Comparative Kinetic Analysis of FLP and Cre Recombinases: mathematical Models for DNA Binding and Recombination</i> , J. Mol. Biol. 284:363-384 (1998)
DL	AOOO	Samarut et al., <i>[14] Replication-Competent and -Defective Retrovirus Vectors for Oncogenic Studies</i> , Methods Enzymol. 254:206-228 (1995)
DL	APPP	Schwartz, M.A., <i>Integrins, Oncogenes, and Anchorage Independence</i> , J. Cell Biol. 139:575-578 (1997)
DL	AQQQ	Shoemaker et al., <i>Intramolecular Integration Within Moloney Murine Leukemia Virus DNA</i> , J. Virology 40:164-172 (1981)
DL	ARRR	Stark and Gudkov, <i>Forward genetics in mammalian cells: functional approaches to gene discovery</i> , Human Mol. Genetics 8:1925-1938 (1999)
DL	ASSS	Sun et al., <i>p53-Independent Role of MDM2 in TGF-β1 Resistance</i> , Science, vol. 282, p. 2270-2272 (12/18/1998)
DL	ATTT	Tramontano, et al., <i>The Making of the Minibody: an Engineered β-Protein for the Display of Conformationally Constrained Peptides</i> , Journal of Molecular Recognition, vol. 7, p. 9-24(1994)
DL	AUUU	Uetz et al., <i>A comprehensive analysis of protein-protein interactions in Saccharomyces cerevisiae</i> , Nature 403:623-627 (2000)
DL	AVVV	Walhout et al., <i>Protein Interaction Mapping in C. elegans Using Proteins Involved in Vulval Development</i> , Science 287:116-122 (2000)
	AWWW	

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA				X	X	
	AB						
	AC						
	AD						
	AE						

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
DL	AF	WO 99/32646	07/01/1999	WIPO PCT	X	X		
	AG							
	AH							
	AI							
	AJ							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
DL	AK	Sakalian, M. et al., <i>The American Society for Microbiology</i> 68(9):5969-5981 (1994)
	AL	
	AM	
	AN	
	AO	
	AP	

Examiner Signature <i>David Samberton</i>	Date Considered 9/17/03
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